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PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202

Date of mailing (day/month/year) 19 June 2001 (19.06.01)	ETATS-UNIS D'AMERIQUE in its capacity as elected Office
International application No. PCT/GB00/03080	Applicant's or agent's file reference RSJ07045WO
International filing date (day/month/year) 10 August 2000 (10.08.00)	Priority date (day/month/year) 14 September 1999 (14.09.99)
Applicant ALLAWAY Andrew Wayne et al.	

1.	The designated Office is hereby notified of its election made:	
	X in the demand filed with the International Preliminary Examining Authority on:	
	05 April 2001 (05.04.01)	
	in a notice effecting later election filed with the International Bureau on:	
		4 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -
2.	The election X was	
	was not	
	made before the expiration of 19 months from the priority date or, where Rule 32 appl Rule 32.2(b).	ies, within the time limit under
		•
		V
		4

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland **Authorized officer**

Anman QIU

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

F. . TENT COOPERATION TREAT

	From t	he INTERNATIONAL B	UREAU			
PCT	To:					
NOTIFICATION OF THE RECORDING	LIDB	LIDBETTER, Timothy, Guy, Edwin				
OF A CHANGE		Group Legal Services	, Luwiii			
OF A CHANGE		lectual Property Dept.				
(PCT Rule 92bis.1 and	8th f					
Administrative Instructions, Section 422)	Holb	orn Centre, 120 Holbo	rn			
,	Long	don EC1N 2TE				
Date of mailing (day/month/year)	ק ROY	ROYAUME-UNI				
14 juin 2001 (14.06.01)	11					
	<u> </u>					
Applicant's or agent's file reference		IMPORTANT NOT	IFICATION			
A25823 WO		·	IIICATION			
International application No.	Internatio	nal filing date (day/month/y	ear)			
PCT/GB00/03080	E .	oût 2000 (10.08.00)	,			
1. The following indications appeared on record concerning:						
X the applicant the inventor	the ager	the comm	on representative			
			·			
Name and Address		State of Nationality	State of Residence			
BRITISH TELECOMMUNICATIONS PUBLIC		GB	. GB			
LIMITED COMPANY 81 Newgate Street		Telephone No.				
London EC1A 7AJ						
United Kingdom		Facsimile No.				
			•			
		Teleprinter No.				
2. The International Bureau hereby notifies the applicant that t	ha fallawina	obongo boo boon recorded				
						
the person X the name X the add	uress [the nationality	the residence			
Name and Address		State of Nationality	State of Residence			
STRATOS GLOBAL LIMITED		GB	GB			
6th Floor, Finsbury Square London EC2A 1AE		Telephone No.				
United Kingdom		020 7843 5378				
		Facsimile No.				
•		020 7843 8940				
		Teleprinter No.				
		•				
3. Further observations, if necessary:						
	•	*				
4. A copy of this notification has been sent to:						
X the receiving Office	Г	X the designated Offices	concerned			
		===				
the International Searching Authority	إ	the elected Offices con	cernea .			
the International Preliminary Examining Authority	. [other:				
	r	***				
The International Bureau of WIPO	Authorized	officer	•			
34, chemin des Colombettes	Anman QIU					
1211 Geneva 20, Switzerland						
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38					

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NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 19 June 2001 (19.06.01)	SKONE JAMES, Robert, E. Gill Jennings & Every Broadgate House 7 Eldon Street London EC2 7LH ROYAUME-UNI			
Applicant's or agent's file reference	INCORTANT NOTIFICATION			
RSJ07045WO	IMPORTANT NOTIFICATION			
International application No. PCT/GB00/03080	International filing date (day/month/year) 10 August 2000 (10.08.00)			
The following indications appeared on record concerning: the applicant				
Name and Address	State of Nationality State of Residence			
HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W. Washington, D.C. 20036-1795 United States of America	Telephone No.			
United States of America	Facsimile No.			
	Teleprinter No.			
The International Bureau hereby notifies the applicant that the the name the additional that the the the the the the the the the th				
Name and Address	State of Nationality State of Residence			
SKONE JAMES, Robert, E. Gill Jennings & Every Broadgate House 7 Eldon Street	Telephone No.			
London EC2M 7LH United Kingdom	Facsimile No.			
·	Teleprinter No.			
3. Further observations, if necessary:				
4. A copy of this notification has been sent to:				
X the receiving Office	the designated Offices concerned X the elected Offices concerned			
the International Searching Authority X the International Preliminary Examining Authority	other:			
	Authorized officer			
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Anman QIU			
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38			

Form PCT/IB/306 (March 1994)

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NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 19 June 2001 (19.06.01)	SKONE JAMES, Robert, E. Gill Jennings & Every Broadgate House 7 Eldon Street London EC2 7LH ROYAUME-UNI		
Applicant's or agent's file reference RSJ07045WO	IMPORTANT NOTIFICATION		
International application No. PCT/GB00/03080	International filing date (day/month/year) 10 August 2000 (10.08.00)		
1. The following indications appeared on record concerning: the applicant the inventor	the agent the common representative		
Name and Address	State of Nationality State of Residence		
HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W. Washington, D.C. 20036-1795	Telephone No.		
Washington, D.C. 20036-1795 United States of America	Facsimile No.		
	Teleprinter No.		
2. The International Bureau hereby notifies the applicant that the			
X the person the name the add			
Name and Address	State of Nationality State of Residence		
SKONE JAMES, Robert, E. Gill Jennings & Every Broadgate House 7 Eldon Street	Telephone No.		
London EC2M 7LH United Kingdom	Facsimile No.		
	Teleprinter No.		
3. Further observations, if necessary:			
4. A copy of this notification has been sent to:	· .		
X the receiving Office	the designated Offices concerned		
the International Searching Authority	X the elected Offices concerned		
X the International Preliminary Examining Authority	other:		
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Anman QIU		
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38		

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PCT	То:			
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 19 June 2001 (19.06.01)	HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W. Washington, D.C. 20036-1795 ETATS-UNIS D'AMERIQUE			
Applicant's or agent's file reference 11696.0052	IMPORTANT NOTIFICATION			
International application No. PCT/GB00/03080	International filing date (day/month/year) 10 August 2000 (10.08.00)			
1. The following indications appeared on record concerning: the applicant the inventor Name and Address LIDBETTER, Timothy, Guy, Edwin BT Group Legal Services Intellectual Property Dept. 8th Floor Holborn Centre, 120 Holborn London EC1N 2TE United Kingdom 2. The International Bureau hereby notifies the applicant that the IX the person the name the add Name and Address HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W. Washington, D.C. 20036-1795 United States of America				
3. Further observations, if necessary:				
4. A copy of this notification has been sent to: X the receiving Office the International Searching Authority X the International Preliminary Examining Authority	the designated Offices concerned X the elected Offices concerned other:			
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Anman QIU Telephone No.: (41-22) 338.83.38			

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NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422) Date of mailing (day/month/year) 19 June 2001 (19.06.01)	HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W. Washington, D.C. 20036-1795 ETATS-UNIS D'AMERIQUE			
Applicant's or agent's file reference				
11696.0052	IMPORTANT NOTIFICATION			
International application No.	International filing date (day/month/year)			
PCT/GB00/03080	10 August 2000 (10.08.00)			
	X the agent the common representative State of Nationality State of Residence			
Name and Address LIDBETTER, Timothy, Guy, Edwin	State of Nationality State of Residence			
BT Group Legal Services Intellectual Property Dept. 8th Floor	Telephone No.			
Holborn Centre, 120 Holborn London EC1N 2TE	Facsimile No.			
United Kingdom	Teleprinter No.			
2. The International Bureau hereby notifies the applicant that the	he following change has been recorded concerning:			
X the person the name the add	dress the nationality the residence			
Name and Address	State of Nationality State of Residence			
HUANG, Stuart, T. F. Steptoe & Johnson LLP 1330 Connecticut Avenue, N.W.	Telephone No.			
Washington, D.C. 20036-1795 United States of America	Facsimile No.			
	Teleprinter No.			
3. Further observations, if necessary:				
5. I utilier observations, it necessary.				
4. A copy of this notification has been sent to:				
X the receiving Office	the designated Offices concerned			
the International Searching Authority	X the elected Offices concerned			
X the International Preliminary Examining Authority	other:			
The International Bureau of WIPO	Authorized officer			
34, chemin des Colombettes 1211 Geneva 20, Switzerland	Anman QIU			
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38			

PATENT COOPERTION TREATY

PCT

REC'D 1.5 JAN 2002

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's	or ag	ent's file reference	T -		Con Notifice		·
RSJ070	_		FOR FURTHER AC	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
Internation	al app	ication No.	International filing date ((day/month/year) Priority date (day/month/year)			ar)
PCT/GB	00/03	8080	10/08/2000			14/09/1999	
Internation H04B7/1		ent Classification (IPC) or na	ational classification and IP	C			
Applicant							
STRATO	OS GI	OBAL LIMITED et al.					
		ational preliminary exam smitted to the applicant a		prepared b	by this Inter	rnational Preliminary Exan	nining Authority
2. This	REPC	RT consists of a total of	9 sheets, including this	cover she	et.		
b (:	een a see R		sis for this report and/or 07 of the Administrative	sheets cor	ntaining red	n, claims and/or drawings we tifications made before the PCT).	
3. This r	report ⊠	contains indications rela	ating to the following iten	ns:			
. 11		Priority					
111	\boxtimes	•	pinion with regard to no	velty, inver	ntive step a	and industrial applicability	
IV	\boxtimes	Lack of unity of invention		-			
V	×		nder Article 35(2) with re ons suporting such state		velty, inver	ntive step or industrial app	licability;
VI		Certain documents cité	· -				
VII 🛛 Certain defects in the international application							
VIII		Certain observations or		ation			
Date of sub	missic	n of the demand		Date of cor	npletion of the	his report	
05/04/20	01	·		11.01.2002	2		
	exami	address of the internationa ning authority: pean Patent Office	ıl	Authorized	officer		ESTATION OF THE REAL PROPERTY OF THE PERSON
D-80298 Munich			Koch, B				
Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465			Tolophono	No. ±49.89	2200 7202	SON'S DESC. SANC ILES	

International application No. PCT/GB00/03080

I. Basis of the report

	and		response to an invitation under Article 14 are referred to in this report as "originally filed" of this report since they do not contain amendments (Rules 70.16 and 70.17)):				
	1-2	4	as originally filed				
	Cla	ims, No.:					
	1-3	0	as originally filed				
	Dra	awings, sheets:					
	1/10	0-10/10	as originally filed				
2.			puage, all the elements marked above were available or furnished to this Authority in the international application was filed, unless otherwise indicated under this item.				
	The	ese elements were a	available or furnished to this Authority in the following language: , which is:				
		the language of pu	translation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of a f 55.2 and/or 55.3).	translation furnished for the purposes of international preliminary examination (under Rule				
3.			leotide and/or amino acid sequence disclosed in the international application, the y examination was carried out on the basis of the sequence listing:				
		contained in the in	ternational application in written form.				
		filed together with the international application in computer readable form.					
		furnished subsequ	ently to this Authority in written form.				
		furnished subsequ	ently to this Authority in computer readable form.				
			t the subsequently furnished written sequence listing does not go beyond the disclosure in oplication as filed has been furnished.				
		The statement that listing has been fu	t the information recorded in computer readable form is identical to the written sequence rnished.				
1.	The	amendments have	resulted in the cancellation of:				
		the description,	pages:				
		the claims,	Nos.:				

1. With regard to the elements of the international application (Replacement sheets which have been furnished to

International application No. PCT/GB00/03080

				·	
			the drawings,	sheets:	
	5.		This report has been considered to go bey	established as if (some of) the amendments had not been made, since they have bee yond the disclosure as filed (Rule 70.2(c)):	'n
			(Any replacement shore report.)	eet containing such amendments must be referred to under item 1 and annexed to this	5
	6. /	Add	litional observations, if	necessary:	
ı	III. N	Non	n-establishment of op	pinion with regard to novelty, inventive step and industrial applicability	
	1. I 0 -	he bvi	questions whether the	e claimed invention appears to be novel, to involve an inventive step (to be non- ally applicable have not been examined in respect of:	
	Σ		claims Nos. 5-15, 20-3		
b	eca	use	9 :		
] t	the said international a not require an internati	application, or the said claims Nos. relate to the following subject matter which does ional preliminary examination (specify):	
		l ti	he description, claims hat no meaningful opir	or drawings (<i>indicate particular elements below</i>) or said claims Nos. are so unclear nion could be formed (<i>specify</i>):	
		tł C	ne claims, or said clain ould be formed.	ns Nos. are so inadequately supported by the description that no meaningful opinion	
		n	o international search	report has been established for the said claims Nos	
2.	A r and Ins	nea d/or truc	ningful international promine acid sequence ctions:	reliminary examination cannot be carried out due to the failure of the nucleotide listing to comply with the standard provided for in Annex C of the Administrative	
		th th	e written form has not e computer readable f	been furnished or does not comply with the standard. form has not been furnished or does not comply with the standard.	
IV.	Lac	ck c	of unity of invention		
1.	in re	esp	onse to the invitation t	to restrict or pay additional fees the applicant has:	
			stricted the claims.	. The applicant has:	

International application No. PCT/GB00/03080

		paid additional fees.					
		paid additional fees	under pi	otest.			
	×	neither restricted nor	r paid ac	lditional fe	es.		
2	. 🗆	This Authority found 68.1, not to invite the	that the applica	requirement to restr	ent of	f unit	of invention is not complied and chose, according to Rule
3.	Thi						of invention in accordance with Rules 13.1, 13.2 and 13.3 is
		complied with.				·	13.1, 13.2 and 13.3 is
	×	not complied with for see separate sheet	the follo	wing reas	ons:		
4.	Cor exa	nsequently, the followin mination in establishing	g parts og g this rej	of the inte	rnatio	onal :	application were the subject of international preliminary
		all parts.					
	×	the parts relating to cla	aims No	s. 1-4, 16	19.		
V.	Rea: citat	soned statement unde ions and explanation	er Artici s suppo	le 35(2) w	ith r	egar	I to novelty, inventive step or industrial applicability;
		ement		or uning Suc)II 5t	atem	ent •/
ı	Vove	elty (N)	Yes: No:	Claims Claims	1-4,	16-1	9
I	nven	tive step (IS)	Yes: No:	Claims Claims	1-4,	16-1	9
li	ndus	trial applicability (IA)	Yes: No:	Clairns Claims	1-4,	16-1	9

2. Citations and explanations see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted: see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

International application No. PCT/GB00/03080

see separate sheet

EXAMINATION REPORT - SEPARATE SHEET

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability and

Re Item IV

Lack of unity of invention

1. Reference is made to the following document:

D1: EP-A-0920147

- 2. The application comprises three separate groups of inventions, which are as follows:
 - Claims 1-4 and 16-19:
 An apparatus/method for initiating call diversion instructions.
 - ii) Claims 5-11 and 20-24:
 A network interface unit and method for interconnecting two telecommunications systems.
 - iii) Claims 12-15 and 25-30:
 A first telecommunications system, arranged for interconnection with a second telecommunications system and corresponding method.
- 3. These groups of inventions have the following features in common:
 - a) Interconnection between a first telecommunications system and a second telecommunications system.
 - b) Calls initially directed to a telephone apparatus usable with the second telecommunications system are diverted to a selected terminal point in the first telecommunications system.
- 4. The features a) and b) are not novel, see e.g. document D1. This document discloses
 - a) Interconnection between a first telecommunications system (cf. 2-7 in fig. 1), and a second telecommunications system (cf. "PSTN" 10 and 15 in fig. 1).
 - b) calls initially directed to a telephone apparatus *usable* with the second telecommunications system (cf. 12, 13 in fig. 1 and col. 2, lines 53-55) are diverted (cf. col. 3, lines 14-15) to a selected terminal point (cf. 5 and 6 in fig.

EXAMINATION REPORT - SEPARATE SHEET

1) in the first telecommunications system.

Thus the abovementioned groups of inventions I) and ii) have no common "special technical features" within the meaning of Rule 13.2 PCT, and therefore these groups of inventions are not linked as to form a "single general inventive concept" as required by Rule 13.1 PCT.

- 5. Invention (I) has been considered to be the main invention mentioned on the cover sheet.
- Since the applicant did neither pay additional fees nor restrict the claims, only the 6. main invention (claims 1-4 and 16-19) as defined above was subject of the examination as set forth in the following items V, VII and VIII, in accordance with Article 34(3)(c) PCT.

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. **Technical Field**

The invention relates to a method (claim 16) and an apparatus (claim 1) for mobile telephony on board of vehicles.

2. **Prior Art:**

D1 (EP-A-0920147) is the closest prior art and discloses:

Means for interconnection between a first telecommunications system (cf. 2-7 in fig. 1), and a second telecommunications system (cf. "PSTN" 10 and 15 in fig. 1), wherein calls initially directed to a telephone apparatus usable with the second telecommunications system (cf. 12, 13 in fig. 1 and col. 2, lines 53-55) are diverted (cf. col. 3, lines 14-15) to a selected terminal point (cf. 5 and 6 in fig. 1) in the first telecommunications system, and an interface means (cf. 20 in fig. 1) between the first telecommunications system and the second telecommunications system.

International application No. PCT/GB00/03080

3. Problem:

The Invention solves the problem of diverting a incoming call from a second telecommunications system to a mobile handset working in a first telecommunications system, wherein the current operation status of the handset is unknown in the second telecommunications system.

4. Solution:

The invention solves this problem by the following feature, which is not known from D1:

Means to indicate to the switching system of the second telecommunications system that the telephone apparatus is in a specified operating condition, irrespective of the true operating condition of the telephone apparatus.

There is no hint in D1, that would lead the skilled person in an obvious way to neglect the operating condition of the telephone apparatus and to send a "virtual" operating condition to the second telecommunications system. Claim 1 is therefore novel and inventive (Articles 33(2) and 33(3) PCT).

Re Item VII

Certain defects in the international application

- 1. The independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (document D1) being placed in the preamble (Rule 6.3(b)(I) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).
- 2. The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
- 3. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein.

Re Item VIII

Certain observations on the international application

- 1. The present wording (e.g."...for enabling" or "...for identifying") of **claim 1** seems to define the operation of the system by a method of using the system rather than clearly defining the apparatus in terms of its structural features. Hence these features can merely be read as "...<u>suitable for enabling/identifying" etc.</u>, according to the Guidelines, C-III, 4.8. The intended limitations are therefore not clear from these claim, contrary to the requirements of Article 6 PCT. It seems that this could have been overcome by redrafting these claims using the formulation "...arranged to/for...".
- 2. It is not clear to which "switching system" is referred to in lines 11, 13 and 16 of claim 1. Should the "switching system of a second telecommunications system" be meant, a clear reference to the latter is lacking, thereby rendering claim 1 unclear (Article 6 PCT).

The same objection concerns claim 16, respectively.

WO 01/20813 A1



(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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